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Jameco Part Number 234077 (9503-060-U500)

Detailed Specifications & Technical Data

9503 Paired - Computer Cables for EIA RS-232 Applications

For more information please call

1-800-Belden1

See Put-ups and Colors

Color Code Chart : No. 3 for Paired Cables (Belden Standard).pdf

Description:

24 AWG stranded (7x32) tinned copper conductors, twisted pairs, S-R PVC insulated, 100% Beldfoil® shield, 24 AWG stranded (7x32) tinned copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	3
Total Number of Conductors	6
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride

PAIR:

Pair Lay Length	1.5 in.
Pair Twists/ft.	8

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	3	Black & Green
2	Black & White		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.232 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
Temperature Rating	80°C
Bulk Cable Weight	27.1 lbs/1000 ft.
Max. Recommended Pulling Tension	33 lbs.
Min. Bend Radius (Install)	2.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	2464
CSA Specification	AWM I A

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	89503, 82503

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	50 pF/ft
Nominal Velocity of Propagation	60 %
Nom. Conductor DC Resistance @ 20 Deg. C	24 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	17 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Other Maximum Continuous Currents	1.76 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9503 060100	3 PR #24 PVC FS PVC	100	3.4	CHROME	
9503 0601000	3 PR #24 PVC FS PVC	1000	29	CHROME	

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9503 060500	3 PR #24 PVC FS PVC	500	15	CHROME	
9503 060U1000	3 PR #24 PVC FS PVC	U1000	29	CHROME	
9503 060U500	3 PR #24 PVC FS PVC	U500	14.5	CHROME	

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